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0228X

NPIC/TSSG/ESD-10-69
24 February 1969

Declass Review by NGA.

MEMORANDUM FOR: Executive Director, NPIC
THROUGH: Chief, Technical Services & Support Group, NPIC
SUBJECT: Status Report, 1540 Light Table

X1 1. This memorandum is in response to the Executive Director's request for a bi-weekly status report on the [] prototype 1540 Light Table.

2. The Light Table was delivered to TEB/ESD on 10 February for test and evaluation. It is now half way through the acceptance test. Following is the overall test schedule:

Acceptance & Engr. tests by TEB	10 Feb-10 Mar
Operational Suitability by IEG	10 Mar-7 Apr
Operational Suitability by IAS	7-21 April
Operational Suitability by DIAAP-9	21-28 April
Operational Suitability by Army/SPAD	28 Apr-5 May

3. The schedule has been arranged and coordinated with all concerned. Procurement action would be appropriate at any time after 10 March at the discretion of operating Groups. There is little room for slippage, as you know, due to the planned procurement of production tables using FY-69 funds. In this regard ESD has had to turn down a request from [] to free the prototype table for their use in an American Society of Photogrammetry display.

4. Interim test reports will be issued as soon as possible after completion of each test phase.

[]
Chief

Engineering Support Division, TSSG

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GROUP 1
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(When Filled In)

SPEED LETTER

REPLY REQUESTED

DATE

28 February 1969

YES

X

NO

LETTER NO.

TO : [] LEG/OSS

FROM: []

TSSG/DED

ATTN:

The proposed [] 1540 light table is due to be delivered to NPIC on the 17th of May. This table will feature a split format with a take-up center loop capable of holding 0.75" of film (for loops less than 10", however, the film must be "stuffed"). The light source will range in intensity (flicker-free) from under 400 ft. lamberts to more than 3,000 ft. lamberts. At no place on the surface will the temperature exceed 25°F above ambient. The light source consists of two banks of fluorescent tubes which can be controlled in such a manner that only the portion of the viewing area needed for viewing film is turned on. The overhead carriage is designed to hold the Zoom 70/240 series of microscopes and attachments, the elgeet and most likely the versatile. The carriage will have manual friction locks for locking the carriage position in X and Y. The film transport system consists of standard manual handcranks (1:1 turning ratio) or optional motor drives. The motor drives have a speed range of from 1" - 100"/sec. The 1540 light table will cost [] (high estimate) for the manual version or [] (high estimate) for the motorized version in lots of 50. [] has agreed to loan us this table for 3-4 weeks or as long as necessary for us to evaluate it.

REPLY

DATE

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CENTER ROUTING SLIP

FROM

TSSG/ESD

DATE

24 Feb 69

TO	INITIALS	DATE	REMARKS
DIRECTOR			
DEP/DIRECTOR			
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SPECIAL ASST			
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ASST TO DEP/DIR			
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EO/PPBS			
CH/IEG			
DEP CH/IEG			
EO/IEG			
CH/PSG			
DEP CH/PSG			
EO/PSG			
CH/DBD/PSG			
CH/TSSG			
DEP CH/TSSG			
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TSSG/DED			
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CH/SPAD			

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